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PTO-1390 (Rev. 12-2004)
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	RANSMITTAL LETTER TO THE UNITED STATES	ATTORNEY'S DOCKET NUMBER I-2002.013 US								
	DESIGNATED/ELECTED OFFICE (DO/EO/US)	U.S. APPLICATION NO. (If known see 27 CFR 1.5)								
	NCERNING A SUBMISSION UNDER 35 U.S.C. 371	To be Assigned 1 U Q								
	TIONAL APPLICATION NO. INTERNATIONAL FILING DATE 06-August-2003	PRIORITY DATE CLAIMED 12-August-2002								
	INVENTION	12 1149400 2002								
Stre	ptococcus uberis protéin, nucleic acio	d sequence encoding								
	NT(S) FOR DOÆO/US EN. Selma Marianne ET AL.									
	t herewith submits to the United States Designated/Elected Office (DO/EC	D/US) the following items and other information:								
1. X	This is a FIRST submission of items concerning a submission under 35 U.S.C. 37	1.								
2.	This is a SECOND or SUBSEQUENT submission of items concerning a submission	n under 35 U.S.C. 371.								
3.	This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.									
	The US has been elected (Article 31).									
5. X	A copy of the International Application as filed (35 U.S.C. 371(c)(2))									
	a. L_i is attached hereto (required only if not communicated by the Internation	nal Bureau).								
	b. K has been communicated by the International Bureau.									
6. 🗆	c. Li is not required, as the application was filed in the United States Receiv									
6.	An English language translation of the International Application as filed (35 U.S.0 a. is attached hereto.	S. 371(C)(Z)).								
	b. has been previously submitted under 35 U.S.C. 154(d)(4).									
7. X	Amendments to the claims of the International Application under PCT Article 19	(35 U.S.C. 371(c)(3))								
<i>.</i> . —	a. are attached hereto (required only if not communicated by the Internal									
	b. have been communicated by the International Bureau.									
	c. have not been made; however, the time limit for making such amendr	nents has NOT expired.								
	d. $\overline{X}$ have not been made and will not be made.									
8. 🗌	An English language translation of the amendments to the claims under PCT Ar	ticle 19 (35 U.S.C. 371(c)(3)).								
9. X	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).									
10.	An English language translation of the annexes of the International Preliminary E Article 36 (35 U.S.C. 371(c)(5)).	examination Report under PCT								
Items	s 11 to 20 below concern document(s) or information included:									
11. X	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.									
12. <u>X</u>	An assignment document for recording. A separate cover sheet in compliance with	ith 37 CFR 3.28 and 3.31 is included.								
13. X	A preliminary amendment.									
14.	An Application Data Sheet under 37 CFR 1.76.									
15.	A substitute specification.									
16.	A power of attorney and/or change of address letter.									
17. X	A computer-readable form of the sequence listing in accordance with PCT Rule									
18. X	A second copy of the published International Application under 35 U.S.C. 154(d)	<b>(4)</b> .								
19. 🗀	A second copy of the English language translation of the international application	n under 35 U.S.C. 154(d)(4).								
20. X	Other items or information: Cited References	•								

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO.						ATTORNEY'S DOCKET NUMBER			
To B	As signed 1	98	PCT/EP2003/0	0087	704		1-2002.013	US	
21. The followi	ing fees are submitted:					Αp	plicant use	Office use only	
x a) Basic na	ational fee	•••••			\$300.00	\$	300.00		
X b) Examination fee\$200.00				\$	200.00				
X c) Search fee\$500.00						\$	500.00		
TOTAL OF ABOVE CALCULATIONS = \$1000.00							1000.00		
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each									
additional 5	inputer program listing in i0 sheets of paper or frac	tion thereof.	ronic medium). The tee is	<b>∌∠50</b> I0	or each				
Total Sheets	Extra sheets	tra sheets Number of each addithereof (round up to							
- 100 <b>=</b>	/50 = -0-				x \$250.00	\$	0.00		
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).							. ` 1		
CLAIMS	NUMBER FI	LED	NUMBER EXTRA		RATE	\$			
Total claims	18	- 20 =	-0-	х	\$50.00	\$	0.00		
Independent cla		- 3 =	0-	. х	× \$200.00		0.00		
MULTIPLE DEP	ENDENT CLAIM(S) (if a	oplicable)		+	\$360.00	\$			
TOTAL OF ABOVE CALCULATIONS =					\$	0.00			
Applicant of by 1/2.	Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2								
SUBTOTAL =							1000.00		
Processing fee of	of \$130.00 for furnishing t	he English tra	anslation later than 30 mont	ths fron	n the earliest	\$	1000.00		
claimed priority	date (37 CFR 1.492(f)).	118			+	3			
TOTAL NATIONAL FEE =							1000.00		
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +						\$	40.00		
TOTAL FEES ENCLOSED =							1040.00		
Amount to be refunded:								\$	
Amount to be charged								\$1040.00	
a. A chec	ck in the amount of \$		to cover the abo	ove fee	s is enclosed.				
b. X Please	e charge my Deposit Acc	ount No0 <u>2</u> -	2334 in the amount of			over	he above fees.		
A duplicate copy of this sheet is enclosed.  c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit									
Account N® 2 = 2334. A duplicate copy of this sheet is enclosed.  d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
			d information and authoriza FR 1.495 has not been me			(37	CFR 1.137(a) or (b))	must be filed	
	restore the Internationa						, ,		
	RESPONDENCE TO:			^	-				
Customer No.: 31846									
William M. Blackstone  Akzo Nobel Pharma Patent Dept.  William						_			
PO Box 318  William NAME							Ramey, []		
Millsboro, DE 19966									
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